



KENTUCKY WEEKLY CROP & WEATHER REPORT



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AGRICULTURAL NEWS: The work week got off to a hot and steamy start with heat indices above 100 degrees. A cold front that moved through central portions of the State Wednesday brought down temperatures to near normal and replenished soil moisture in many areas. Days suitable for fieldwork averaged 3.8 out of a possible six. **Topsoil moisture** as of Friday, August 11 was rated 3 percent very short, 7 percent short, 72 percent adequate and 18 percent surplus. **Subsoil moisture** was rated 7 percent very short, 14 percent short, 68 percent adequate and 11 percent surplus. Farmers were busy topping tobacco and preparing combines for fast approaching harvest.

CORN: Condition as of Friday, August 11 was reported as 1 percent very poor, 4 percent poor, 20 percent fair, 45 percent good, and 30 percent excellent. As of Sunday, August 13, corn reaching the dough stage or beyond was 82 percent compared with 80 percent last year and the 5 year average of 62 percent. Approximately 55 percent of the corn was dented, compared with 49 percent a year ago and 31 percent on average. Farmers were busy getting their harvesting equipment ready. Some fields in western Kentucky are drying down quickly. Most reporters are expecting above average yields.

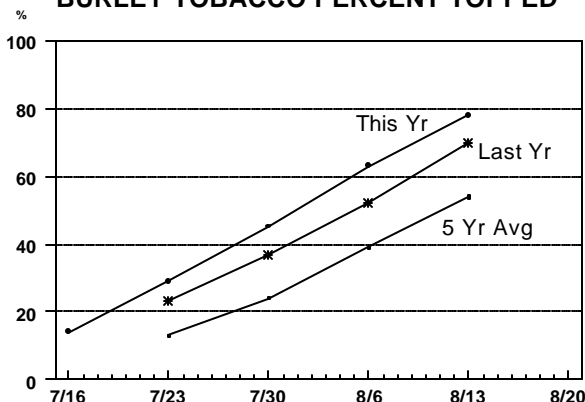
SOYBEANS: Crop condition as of August 11 was reported as 1 percent very poor, 4 percent poor, 19 percent fair, 52 percent good, and 24 percent excellent. The crop was 78 percent blooming, as of August 13, compared with

83 percent last year and 67 percent on average. Soybeans setting pods were reported at 53 percent, compared to last year's 61 percent and the 5-year average of 41 percent. Soybeans in many areas have benefitted from recent rains.

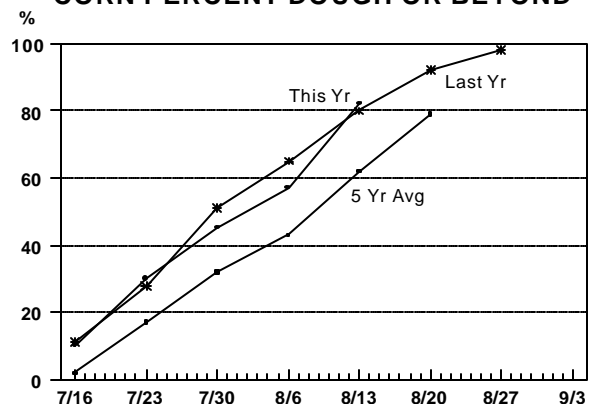
TOBACCO: By Sunday, August 13, 78 percent of **burley** tobacco was topped compared with 70 percent last year and 54 percent on average. Harvest is getting into full swing and approximately 13 percent had been cut compared to 16 percent a year ago and the average of 8 percent. **Dark tobacco** was 91 percent topped slightly behind last year's 92 percent. Dark tobacco cut was 11 percent compared with 16 percent last year. Condition of all tobacco was reported as 1 percent very poor, 5 percent poor, 18 percent fair, 56 percent good, and 20 percent excellent. Blue mold and black shank are a problem in some fields where continuous rains have been received. The reports of the severity of these diseases have been variable ranging from no problem to serious impact. No major insect problems were reported.

OTHER CROPS: **Hay** crops were reported as 4 percent very poor, 3 percent poor, 22 percent fair, 53 percent good, and 18 percent excellent. Rains have hampered some hay harvesting. A good late hay crop is expected. **Pasture** condition as of Friday, August 11 was rated 2 percent very poor, 3 percent poor, 23 percent fair, 56 percent good and 16 percent excellent. Pastures are doing well in many areas due to continuous moisture. Some producers are clipping pastures to control weeds.

BURLEY TOBACCO PERCENT TOPPED



CORN PERCENT DOUGH OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 13, 2000
WITH COMPARISONS

SOIL MOISTURE
WEEK ENDING AUGUST 11, 2000
WITH COMPARISONS

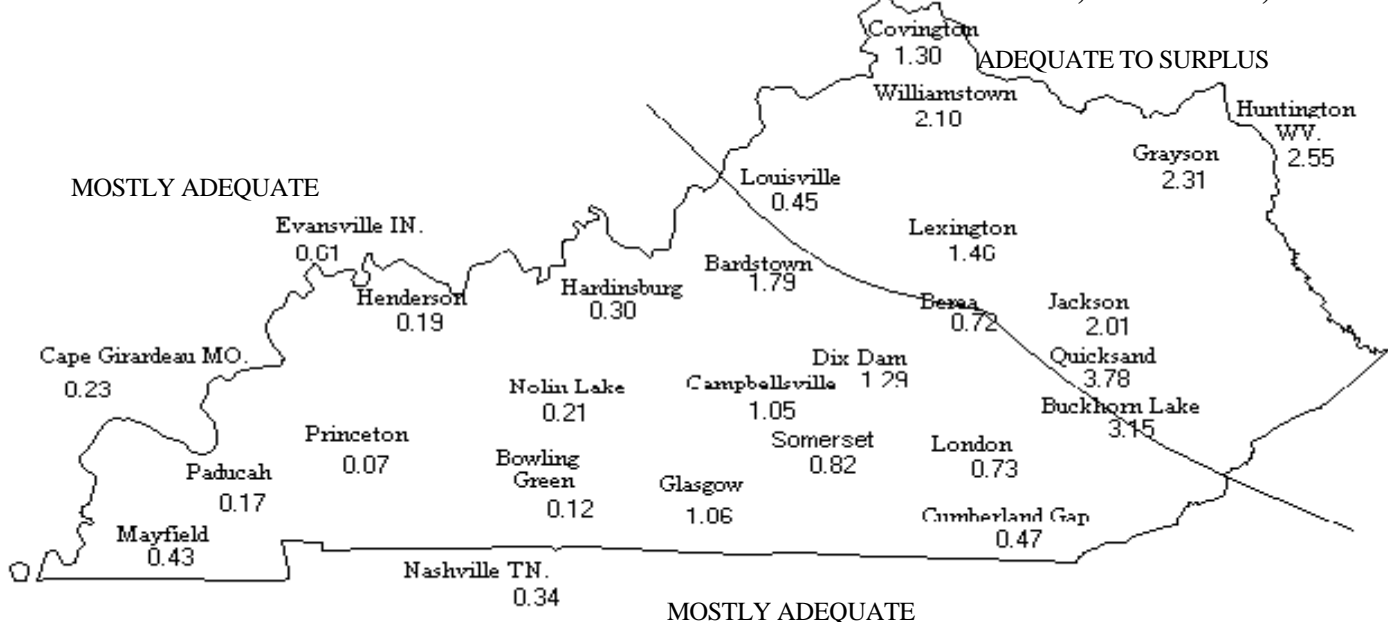
Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.		This Week	Previous Week
Percentage						Percentage		
Soybeans						TOPSOIL		
Blooming	78	83	67	74	92	Very Short	3	4
Setting Pods	53	61	41	50	69	Short	7	7
						Adequate	72	77
Corn						Surplus	18	12
Milk Stage	90	94	82	76	NA	SUBSOIL		
Dough Stage	82	80	62	57	42	Very Short	7	10
Dent Stage	55	49	31	20	12	Short	14	17
Burley Tobacco						Adequate	68	65
Topped	78	70	54	63	NA	Surplus	11	8
Cut	13	16	8	NA	NA			
Dark Tobacco								
Topped	91	92	78	76	NA			
Cut	11	16	12	NA	NA			

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 11, 2000					WEEK ENDING AUGUST 4, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	1	4	20	45	30	1	4	19	46	30
Soybeans	1	4	19	52	24	1	3	20	47	29
Pasture	2	3	23	56	16	2	6	20	56	16
Hay Crops	4	3	22	53	18	2	4	21	54	19
Tobacco in Field	1	5	18	56	20	1	4	16	55	24

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 13, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 11, 2000



KENTUCKY WEATHER SUMMARY, AUGUST 7 - 13, 2000:

ABOVE NORMAL TEMPERATURES AND RAINFALL:

The beginning of the work week saw hot and humid conditions with heat indices in the 100s until a cold front went through Wednesday evening bringing a squall line/severe weather to many areas of the State, but more importantly the line brought much needed rain to the Central and Bluegrass sections of the State which are in MILD hydrological drought. The end of the week saw more comfortable and dry conditions in Kentucky.

Temperatures for the period averaged 76 degrees across the State which was 1 degree ABOVE NORMAL. High temperatures averaged from 89 in the West to 84 in the East. Departure from normal high temperatures ranged from NEAR NORMAL in the West to 1 degree BELOW NORMAL in the East. Low temperatures averaged from 68 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 3 degrees ABOVE NORMAL in the West to 1 degree ABOVE NORMAL in the East. On August 5 the Palmer Drought Index showed a minor improvement in West and Central Kentucky with these areas moving to the MILD hydrological drought category. The Bluegrass continued in the MILD hydrological drought with East at NEAR NORMAL but on the plus side of the drought. The Crop Moisture Index on the 5th indicated adequate moisture for agriculture purposes across the State. Rainfall for the period totaled 1.08 inches statewide which was 0.24 inches ABOVE NORMAL. Precipitation totals by climate division, West 0.28 inches, Central 0.65 inches, Bluegrass 1.39 inches and East 1.98 inches, which was -0.51, -0.19, +0.53 and +1.10 inches respectively from normal. By station, precipitation totals ranged from a low of 0.07 inches at Princeton to a high of 3.78 inches at Quicksand.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)			(Degrees Fahrenheit)								
Bardstown	1.79	16.01	4.19	-2.65	+0.12	93	55	75.9	+1	174	2571	+103
Berea	0.72	22.60	2.83	+3.49	-0.98	92	55	75.0	+1	164	2518	-25
Bowling Green	0.12	15.82	3.63	-3.82	-0.14	96	57	78.5	+4	184	2678	+105
Bristol	0.96	17.13	5.30	+0.74	+1.88	90	54	73.8	-0	160	2400	+54
Buckhorn Lake	3.15	25.77	6.23	+7.39	+2.36	90	56	73.9	-0	161	2518	+289
Cape Girardeau	0.23	11.55	1.85	-6.54	-1.33	95	55	78.4	+2	181	2655	-54
Campbellsville	1.05	22.03	4.50	+0.65	-0.01	94	55	76.4	+2	171	2664	+151
Covington	1.30	18.49	3.13	+0.98	-0.33	90	56	72.7	-1	156	2334	+17
Cumberland Gap	0.47	17.38	4.64	-2.86	+0.27	93	53	76.6	+2	173	2621	+305
Dix Dam	1.29	18.41	3.17	-0.82	-0.87	93	55	75.1	+1	168	2523	+42
Evansville	0.61	16.24	2.91	-1.36	-0.35	93	56	77.9	+1	183	2561	-13
Glasgow	1.06	20.95	5.11	-0.26	+0.85	97	54	77.6	+3	176	2773	+290
Grayson	2.31	19.88	5.09	+1.72	+1.17	90	57	73.9	-0	162	2448	+267
Hardinsburg	0.30	16.25	3.11	-3.08	-0.78	95	57	77.5	+3	183	2696	+123
Henderson	0.19	17.08	1.98	-0.94	-1.33	95	56	77.9	+1	184	2710	+106
Huntington	2.55	19.21	5.50	+1.07	+1.46	90	58	73.9	-0	162	2433	+86
Jackson	2.01	26.23	4.73	+6.90	+0.51	90	57	73.9	-0	163	2453	+224
Lexington	1.46	17.43	3.50	-1.23	-0.57	93	55	74.6	+0	165	2475	+128
London	0.73	17.80	3.89	-0.15	+0.20	91	54	74.6	+1	166	2478	+162
Louisville	0.45	17.81	3.02	-0.49	-0.65	95	58	76.4	+2	178	2607	+20
Mayfield	0.43	12.11	2.10	-7.42	-1.68	93	56	76.6	-0	175	2629	-5
Nashville	0.34	18.87	2.90	+0.63	-0.47	97	60	81.1	+6	197	2863	+111
Nolin Lake	0.21	16.67	3.50	-3.88	-0.52	96	57	78.1	+3	184	2694	+317
Paducah	0.17	17.62	5.48	-1.97	+2.05	94	57	78.6	+2	188	2734	+56
Princeton	0.07	18.92	4.93	-0.66	+1.17	95	58	79.7	+3	189	2859	+212
Quicksand	3.78	30.72	6.59	+11.39	+2.37	90	57	73.4	-1	158	2527	+298
Somerset	0.82	27.05	5.16	+6.86	+1.15	92	55	75.1	+1	166	2605	+198
Spindletop	1.49	16.01	3.65	-2.65	-0.42	93	59	74.3	+0	163	2434	+87
Williamstown	2.10	19.88	3.69	+1.46	-0.07	91	56	74.5	+0	164	2519	+172

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 6, 2000

SOYBEANS SETTING PODS

State	Curr	Last Wk	1999	Avg
AR	42	28	40	31
IL	82	63	68	44
IN	70	47	70	41
IA	90	77	76	65
KS	69	52	34	40
KY	50	37	51	30
LA	82	76	83	73
MI	39	20	69	46
MN	70	40	51	54
MS	90	83	91	70
MO	63	49	31	30
NE	69	46	45	43
NC	19	14	24	23
ND	79	58	61	75
OH	59	40	82	50
SD	61	44	49	45
TN	37	28	47	33
WI	53	29	51	38
18 States	69	51	59	47

These 18 States planted 95% of last year's soybean acreage.

CORN SILKING

State	Curr	Last Wk	1999	Avg
CO	85	71	78	72
IL	99	98	98	91
IN	99	98	99	84
IA	99	95	96	91
KS	99	98	97	94
KY	95	92	98	88
MI	75	53	98	75
MN	99	93	98	95
MO	100	100	94	88
NE	95	89	97	89
NC	99	98	95	97
ND	97	86	88	86
OH	95	90	99	80
PA	79	69	83	77
SD	86	68	78	69
TN	100	100	97	97
TX	98	97	95	97
WI	88	66	93	80
18 States	96	90	95	87

These 18 States planted 92% of last year's corn acreage.

CORN DOUGH

State	Curr	Last Wk	1999	Avg
CO	15	10	6	12
IL	65	47	58	32
IN	60	35	49	27
IA	30	14	17	10
KS	67	51	45	47
KY	57	45	65	43
MI	8	0	16	5
MN	11	1	7	5
MO	79	65	65	53
NE	39	19	28	19
NC	85	79	71	78
ND	46	20	37	39
OH	35	18	59	22
PA	35	23	33	23
SD	28	13	24	15
TN	81	63	85	78
TX	84	78	81	83
WI	12	4	28	18
18 States	42	26	36	24

These 18 States planted 92% of last year's corn acreage.

CROP CONDITION PERCENT FOR WEEK ENDING AUGUST 6, 2000

SOYBEANS

State	VP	P	F	G	EX
AR	7	16	37	32	8
IL	1	4	15	43	37
IN	1	5	26	51	17
IA	1	8	23	47	21
KS	1	8	22	55	14
KY	1	3	20	47	29
LA	3	18	43	35	1
MI	0	3	27	62	8
MN	1	7	23	50	19
MS	8	21	30	33	8
MO	1	3	25	55	16
NE	14	17	30	31	8
NC	0	3	18	69	10
ND	9	13	17	49	12
OH	4	9	25	46	16
SD	2	6	19	48	25
TN	3	9	27	46	15
WI	2	5	21	48	24
18 States	3	8	24	46	19
Prev Week	3	7	24	49	17
Prev Year	4	12	30	43	11

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

CORN

State	VP	P	F	G	EX
CO	3	7	27	49	14
IL	1	2	9	43	45
IN	1	3	16	51	29
IA	3	7	19	47	24
KS	2	8	33	41	16
KY	1	4	19	46	30
MI	1	7	23	55	14
MN	0	4	18	53	25
MO	0	2	19	58	21
NE	12	13	24	38	13
NC	1	5	17	55	22
ND	3	4	13	63	17
OH	2	6	17	47	28
PA	1	3	17	48	31
SD	1	6	22	48	23
TN	4	9	23	41	23
TX	2	8	27	47	16
WI	1	7	25	47	20
18 States	3	6	19	47	25
Prev Week	2	5	19	50	24
Prev Year	4	10	26	44	16

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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